

DART

| | | | |
|------------------|----------------|---|------------------------|
| DESIGN CP | DRAWN BY CP | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED # | APPROVED # | DRAWING NO. DSI 9290 | REV. A SHEET 1 OF 1 |
| DATE 04.12.16 | | TITLE -011/-021 BEARPAW ON LOW GEAR NTS | |
| A | 04.12.16 | NEW ISSUE | |

DART SERVICE INSTRUCTION

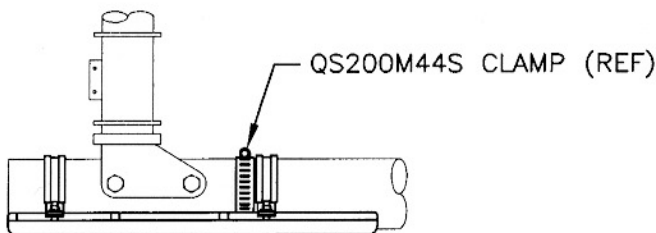
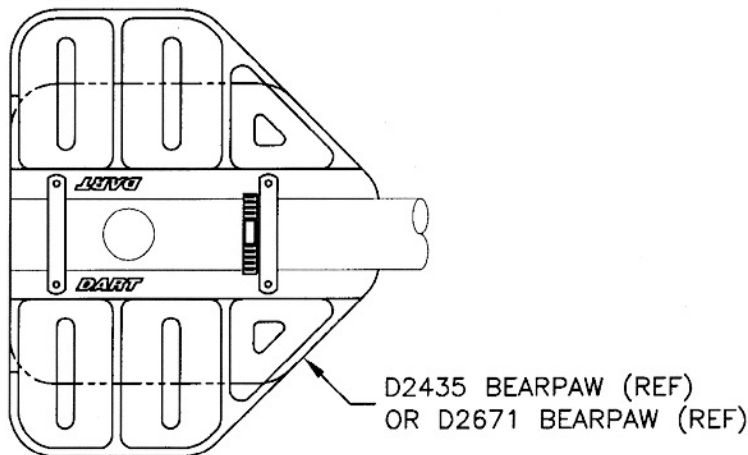
TO AMEND INSTALLATION INSTRUCTIONS IIN-D500-572 REV. A

REF. CANADIAN STC: SH90-17

REF. US FAA STC: SH849NE

PURPOSE: Installation instructions IIN-D500-572 Rev. A does not show the installation of the D500-572-011/-021 Bearpaw Installation on aircraft equipped with low gear.

To install the D500-572-011/-021 Bearpaw Installation on aircraft equipped with low gear, it is necessary to install the bearpaw with one bearpaw clamp placed forward of the aft saddle (as shown below). Install the bearpaw using the hardware shown in IIN-D500-572 Rev. A. Note that the QS200M44S clamp is still necessary to prevent the bearpaw from slipping off the aft end of the skidtube.



WEIGHT AND BALANCE

The weight & balance of the D500-572-011/-021 when installed on low gear is as follows:

| Installation | Weight | LATERAL | | LONGITUDINAL | |
|--|-------------------|-----------------|-----------------------|------------------|--------------------------|
| | | Arm | Moment | Arm | Moment |
| D500-572-011 Bearpaw Installation on Low Gear | 8.5 lb 3.86 kg | 0.0 in 0.0 m | 0.0 lb-kG 0.0 m-kG | 122 in 3.10 m | 1037 in-lb 11.97 m-kG |
| D500-572-021 Narrow Bearpaw Installation on Low Gear | 7.5 lb 3.41 kg | 0.0 in 0.0 m | 0.0 lb-kG 0.0 m-kG | 122 in 3.10 m | 915 in-lb 10.57 m-kG |

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 04.12.16
CERT. NO.: SH90-17
ISSUE NO.: #7

Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.